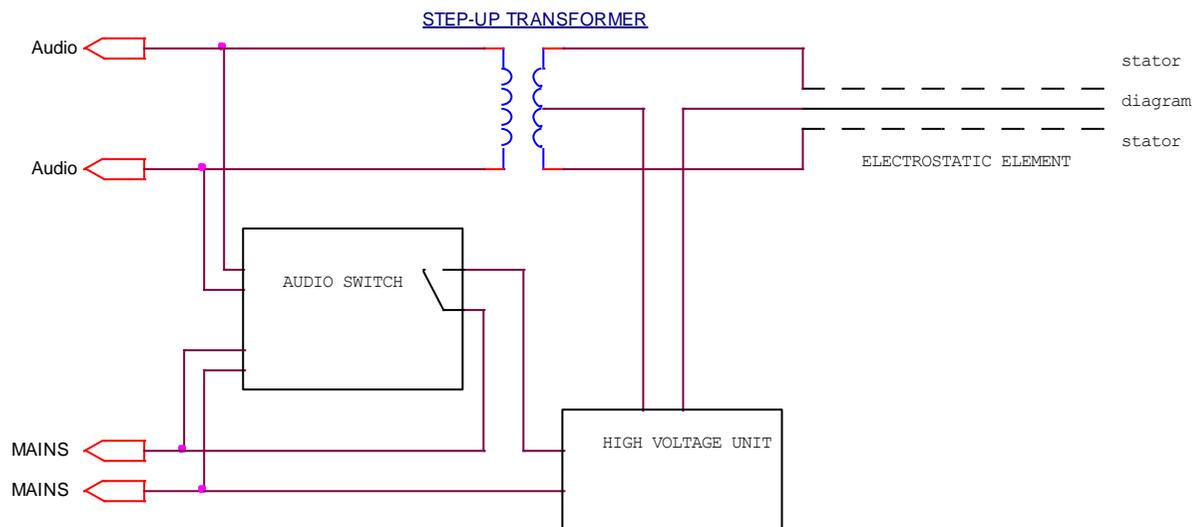


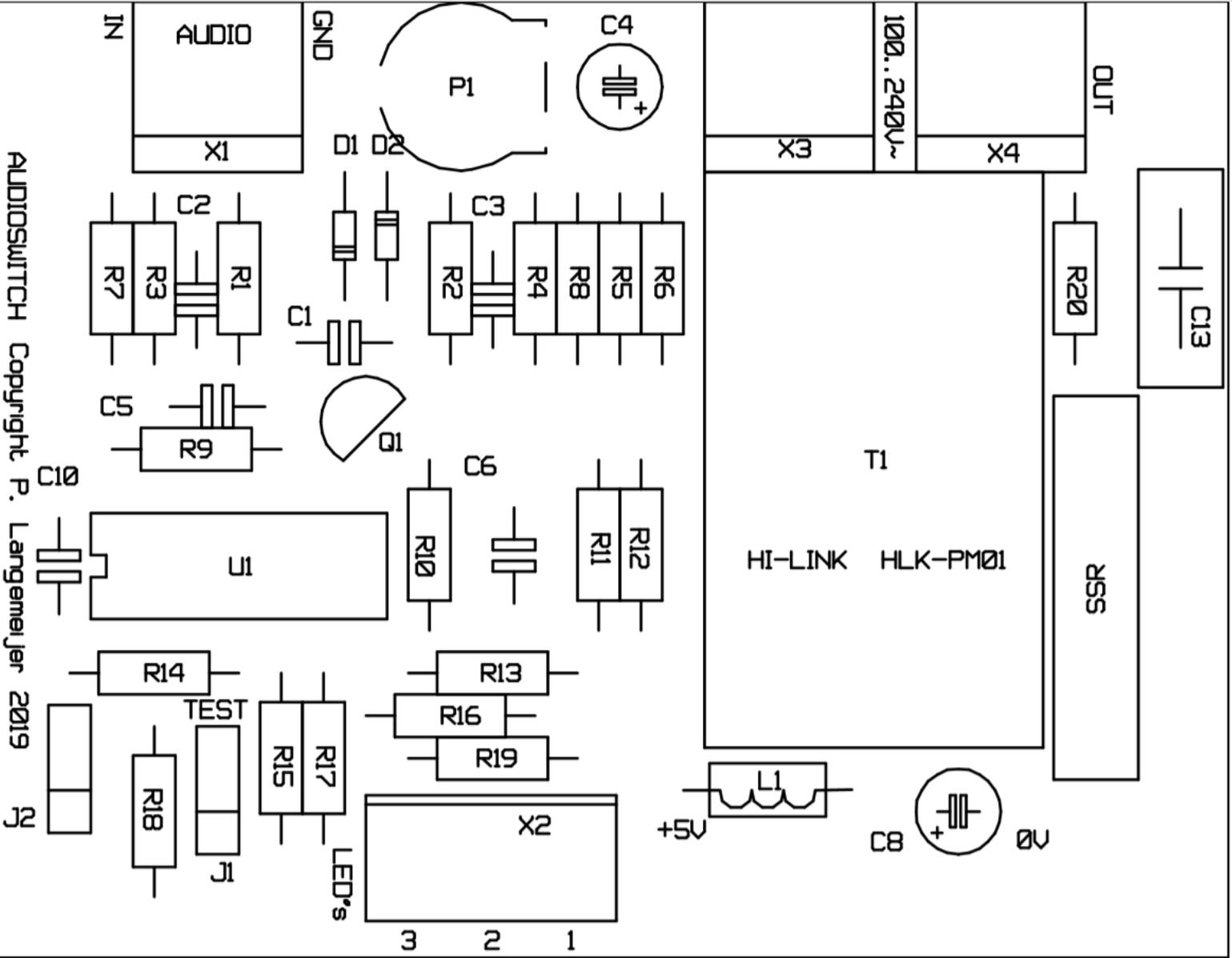
Audio switch for a power amplifier

An audio switch can be used to switch on the power of an amplifier by using a solid state relay (SSR). When an audio signal is sensed, the SSR is turned on immediately. After about 7 minutes of no audio signal, the SSR is turned off.

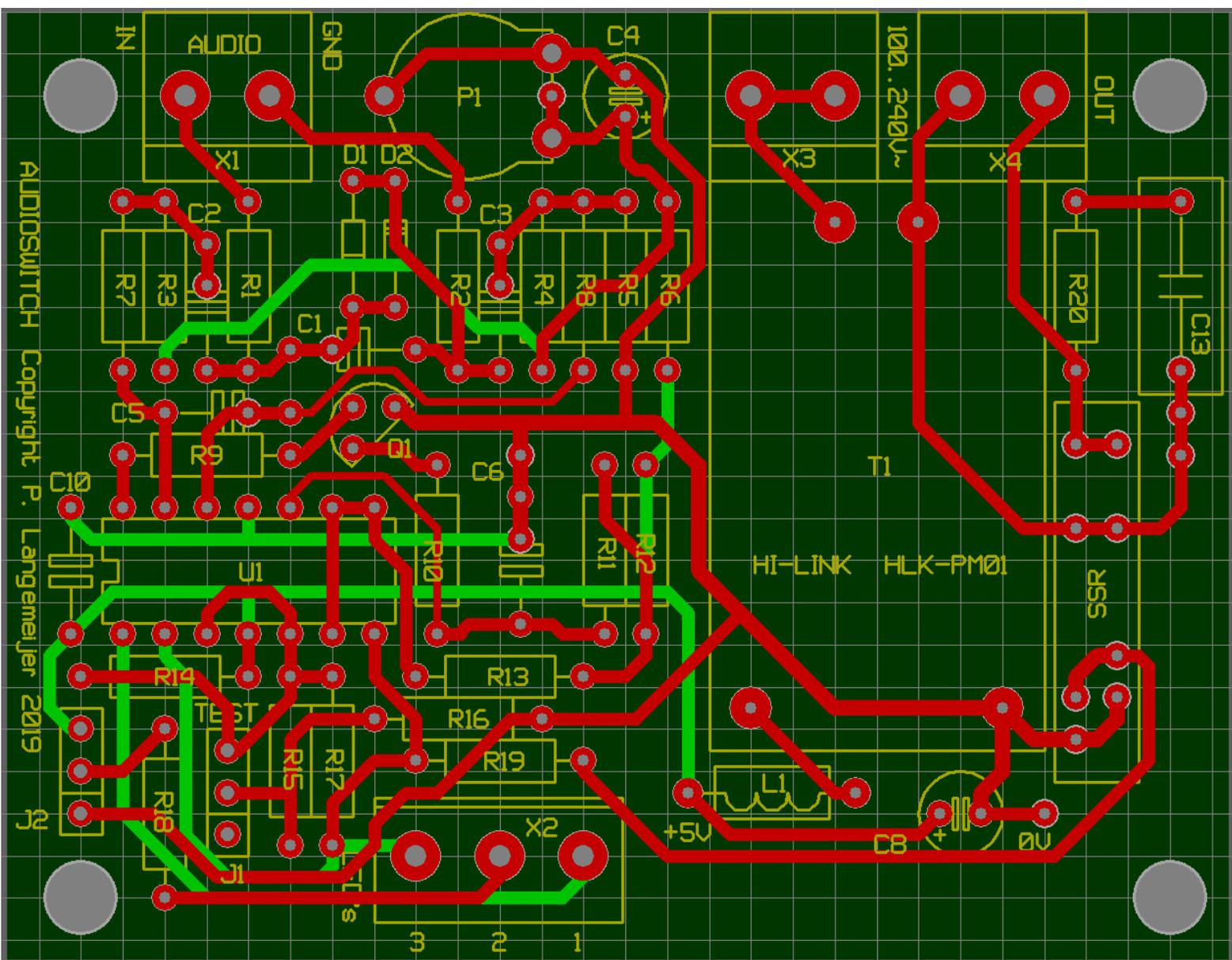
Audio switch for electrostatic loudspeaker

An audio switch can also extend the lifetime of an electrostatic loudspeaker. An electrostatic loudspeaker needs a high voltage (about 3 kV) that is connected to the diagram. The high voltage attracts dust. The dust can reduce the lifetime of the electrostatic element. So, the audio switch is not used to reduce power consumption in this application.





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